

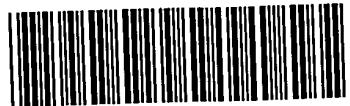
CRF Errors Corrected by the STIC Systems Branch

CRF Processing Date: 6-7-02
Edited by: M. SPENCER
Verified by: _____ (STIC staSerial Number: 10/80,960

- Changed a file from non-ASCII to ASCII
- Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- Edited a format error in the Current Application Data section, specifically: ENTERED
see page 6
- Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other _____
- Added the mandatory heading and subheadings for "Current Application Data".
- Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- Inserted colons after headings/subheadings. Headings edited included: _____
- Deleted extra, invalid, headings used by an applicant, specifically: _____
- Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file;
 page numbers throughout text; other invalid text, such as _____
- Inserted mandatory headings, specifically: _____
- Corrected an obvious error in the response, specifically: _____
- Edited identifiers where upper case is used but lower case is required, or vice versa.
- Corrected an error in the Number of Sequences field, specifically: _____
- A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- Other: _____

Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95



OIPE

RAW SEQUENCE LISTING DATE: 06/07/2002
 PATENT APPLICATION: US/10/080,960 TIME: 10:50:59

Input Set : N:\jumbos\10080960\PTOMS.txt
 Output Set: N:\CRF3\06072002\J080960.raw

4 <110> APPLICANT: Millennium Pharmaceuticals, Inc.
 5 Glucksmann, Maria
 6 Meyers, Rachel
 8 <120> TITLE OF INVENTION: 80090, 52874,52880,63497, AND 33425
 9 METHODS AND COMPOSITIONS OF HUMAN PROTEINS AND USES THEREOF
 12 <130> FILE REFERENCE: 38155-20044.00
 14 <140> CURRENT APPLICATION NUMBER: US 10/080,960
 15 <141> CURRENT FILING DATE: 2001-10-19
 17 <150> PRIOR APPLICATION NUMBER: US 60/242,040
 18 <151> PRIOR FILING DATE: 2000-10-20
 20 <150> PRIOR APPLICATION NUMBER: US 60/242,038
 21 <151> PRIOR FILING DATE: 2000-10-20
 23 <150> PRIOR APPLICATION NUMBER: US 60/241,992
 24 <151> PRIOR FILING DATE: 2000-10-20
 26 <150> PRIOR APPLICATION NUMBER: US 60/242,637
 27 <151> PRIOR FILING DATE: 2000-10-23
 29 <160> NUMBER OF SEQ ID NOS: 37
 31 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 33 <210> SEQ ID NO: 1
 34 <211> LENGTH: 1669
 35 <212> TYPE: DNA
 36 <213> ORGANISM: Homo sapiens
 38 <220> FEATURE:
 39 <221> NAME/KEY: CDS
 40 <222> LOCATION: (163)...(1623)
 42 <400> SEQUENCE: 1
 43 cacgcgtccg ctctgctgct ctatgttga ctttggcgtc tcaggtgatc catgacttt 60
 44 taaagccaat ataattttctt actccttctg gagtgctgct tggctttcac tcagtggttt 120
 45 tttttttttt ctttttggc cttggatacc gttgagaatc ta atg aaa gtc acg 174
 Met Lys Val Thr
 46 1
 47
 49 ggc cct ccc cag gga gtt aca gac tcc atg caa tgc ttc aat gat cag 222
 50 Gly Pro Pro Gln Gly Val Thr Asp Ser Met Gln Cys Phe Asn Asp Gln
 51 5 10 15 20
 53 tgg cct tta tct aac acc agg agc agc gag cac ata aaa gag gtc atg 270
 54 Trp Pro Leu Ser Asn Thr Arg Ser Ser Glu His Ile Lys Glu Val Met
 55 25 30 35
 57 gtt gag ctg ggg aag ttt gaa agg aag gag ttt aaa agt tcc agt ttg 318
 58 Val Glu Leu Gly Lys Phe Glu Arg Lys Glu Phe Lys Ser Ser Leu
 59 40 45 50
 61 caa gat gga cat aca aaa atg gag gaa gca cct acg cat ctt aat tca 366
 62 Gln Asp Gly His Thr Lys Met Glu Glu Ala Pro Thr His Leu Asn Ser
 63 55 60 65

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/080,960

DATE: 06/07/2002
TIME: 10:50:59

Input Set : N:\jumbos\10080960\PTOMS.txt
Output Set: N:\CRF3\06072002\J080960.raw

65 ttt ctt aag aaa gaa gga ttg acc ttc aac agg aaa aga aaa tgg gaa	414
66 Phe Leu Lys Lys Glu Gly Leu Thr Phe Asn Arg Lys Arg Lys Trp Glu	
67 70 75 80	
69 ttg gac agc tac ccc att atg ctc tgg tgg tcc ccc ctg acg ggg gag	462
70 Leu Asp Ser Tyr Pro Ile Met Leu Trp Trp Ser Pro Leu Thr Gly Glu	
71 85 90 95 100	
73 act ggg agg tta ggc caa tgt gga gca gat gct tgt ttc ttc acc atc	510
74 Thr Gly Arg Leu Gly Gln Cys Gly Ala Asp Ala Cys Phe Phe Thr Ile	
75 105 110 115	
77 aac cgg acc tac ctc cat cat cac atg acc aaa gca ttc ctc ttc tat	558
78 Asn Arg Thr Tyr Leu His His Met Thr Lys Ala Phe Leu Phe Tyr	
79 120 125 130	
81 ggt act gac ttt aac ata gat agc tta cct ctg cct cgg aaa gcc cat	606
82 Gly Thr Asp Phe Asn Ile Asp Ser Leu Pro Leu Pro Arg Lys Ala His	
83 135 140 145	
85 cat gac tgg gct gtt ttt cat gaa gag tcc ccc aaa aac aat tat aag	654
86 His Asp Trp Ala Val Phe His Glu Glu Ser Pro Lys Asn Asn Tyr Lys	
87 150 155 160	
89 ctc ttt cat aaa cca gtg att acc ttg ttc aac tac act gcc acg ttc	702
90 Leu Phe His Lys Pro Val Ile Thr Leu Phe Asn Tyr Thr Ala Thr Phe	
91 165 170 175 180	
93 agc agg cat tcc cac ttg cca cta act acc caa tac ttg gag agc att	750
94 Ser Arg His Ser His Leu Pro Leu Thr Thr Gln Tyr Leu Glu Ser Ile	
95 185 190 195	
97 gaa gtc ctg aag tca ctc cga tac cta gtt cct ttg cag tcc aaa aac	798
98 Glu Val Leu Lys Ser Leu Arg Tyr Leu Val Pro Leu Gln Ser Lys Asn	
99 200 205 210	
101 aag ctt aga aaa aga ctt gct ccg ctg gtg tat gta cag tca gac tgt	846
102 Lys Leu Arg Lys Arg Leu Ala Pro Leu Val Tyr Val Gln Ser Asp Cys	
103 215 220 225	
105 gac cca cca tca gac agg gac agc tat gtt cgc gag ctg atg act tac	894
106 Asp Pro Pro Ser Asp Arg Asp Ser Tyr Val Arg Glu Leu Met Thr Tyr	
107 230 235 240	
109 atc gag gtc gat tcc tat ggt gaa tgt tta cga aac aaa gac ctc cct	942
110 Ile Glu Val Asp Ser Tyr Gly Glu Cys Leu Arg Asn Lys Asp Leu Pro	
111 245 250 255 260	
113 cag cag ctg aaa aat cca gcc tct atg gat gcc gat ggc ttt tat agg	990
114 Gln Gln Leu Lys Asn Pro Ala Ser Met Asp Ala Asp Gly Phe Tyr Arg	
115 265 270 275	
117 atc att gca cag tat aag ttt atc cta gct ttt gag aat gca gtt tgt	1038
118 Ile Ile Ala Gln Tyr Lys Phe Ile Leu Ala Phe Glu Asn Ala Val Cys	
119 280 285 290	
121 gat gac tac atc act gag aag ttc tgg agg cca ctg aaa ctg ggg gta	1086
122 Asp Asp Tyr Ile Thr Glu Lys Phe Trp Arg Pro Leu Lys Leu Gly Val	
123 295 300 305	
125 gtc cct gta tat tac gga tcc ccc agc atc aca gac tgg ctt cca agt	1134
126 Val Pro Val Tyr Tyr Gly Ser Pro Ser Ile Thr Asp Trp Leu Pro Ser	
127 310 315 320	
129 aac aaa agt gct att ctt gta tca gaa ttt tct cac ccc agg gaa ctg	1182

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/080,960

DATE: 06/07/2002

TIME: 10:50:59

Input Set : N:\jumbos\10080960\PTOMS.txt
 Output Set: N:\CRF3\06072002\J080960.raw

130 Asn Lys Ser Ala Ile Leu Val Ser Glu Phe Ser His Pro Arg Glu Leu	330	335	340	
131 325				1230
133 gca agt tac atc aga cga ctg gat tct gat gac aga ttg tat gag gcc				
134 Ala Ser Tyr Ile Arg Arg Leu Asp Ser Asp Asp Arg Leu Tyr Glu Ala	345	350	355	
135				
137 tat gta gaa tgg aag ctg aag ggt gag atc tct aac cag cga ctt ctg				1278
138 Tyr Val Glu Trp Lys Leu Lys Gly Glu Ile Ser Asn Gln Arg Leu Leu	360	365	370	
139				
141 aca gct ctc agg gaa cgg aaa tgg gga gtg caa gac gtc aac cag gac				1326
142 Thr Ala Leu Arg Glu Arg Lys Trp Gly Val Gln Asp Val Asn Gln Asp	375	380	385	
143				
145 aat tac atc gat gca ttt gag tgg atg gtg tgc acc aag gtg tgg gct				1374
146 Asn Tyr Ile Asp Ala Phe Glu Cys Met Val Cys Thr Lys Val Trp Ala	390	395	400	
147				
149 aat atc agg ctt cag gaa aag ggc tta cca ccc aaa aga tgg gag gca				1422
150 Asn Ile Arg Leu Gln Glu Lys Gly Leu Pro Pro Lys Arg Trp Glu Ala	405	410	415	420
151				
153 gaa gat acc cac ctg agt tgc cca gag ccc aca gtg ttt gct ttc tca				1470
154 Glu Asp Thr His Leu Ser Cys Pro Glu Pro Thr Val Phe Ala Phe Ser	425	430	435	
155				
157 cca ctc cgg act cca cct ttg agc tct ttg cga gag atg tgg att tcc				1518
158 Pro Leu Arg Thr Pro Pro Leu Ser Ser Leu Arg Glu Met Trp Ile Ser	440	445	450	
159				
161 agc ttt gaa caa tcc aag aaa gaa gcc cag gca cta agg tgg ctg gtt				1566
162 Ser Phe Glu Gln Ser Lys Lys Glu Ala Gln Ala Leu Arg Trp Leu Val	455	460	465	
163				
165 gat agg aat caa aac ttt tca tct caa gag ttt tgg ggc cta gta ttc				1614
166 Asp Arg Asn Gln Asn Phe Ser Ser Gln Glu Phe Trp Gly Leu Val Phe	470	475	480	
167				
169 aag gac tga tttcaaaaat gatcagaatg aaacagaaaa aaaaaaaaaa				1663
170 Lys Asp *				
171 485				1669
173 aaaaaa				
175 <210> SEQ ID NO: 2				
176 <211> LENGTH: 486				
177 <212> TYPE: PRT				
178 <213> ORGANISM: Homo sapiens				
180 <400> SEQUENCE: 2				
181 Met Lys Val Thr Gly Pro Pro Gln Gly Val Thr Asp Ser Met Gln Cys	5	10	15	
182 1				
183 Phe Asn Asp Gln Trp Pro Leu Ser Asn Thr Arg Ser Ser Glu His Ile	20	25	30	
184				
185 Lys Glu Val Met Val Glu Leu Gly Lys Phe Glu Arg Lys Glu Phe Lys	35	40	45	
186				
187 Ser Ser Ser Leu Gln Asp Gly His Thr Lys Met Glu Glu Ala Pro Thr	50	55	60	
188				
189 His Leu Asn Ser Phe Leu Lys Lys Glu Gly Leu Thr Phe Asn Arg Lys	65	70	75	80
190				
191 Arg Lys Trp Glu Leu Asp Ser Tyr Pro Ile Met Leu Trp Trp Ser Pro				

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/080,960

DATE: 06/07/2002
TIME: 10:50:59

Input Set : N:\jumbos\10080960\PTOMS.txt
Output Set: N:\CRF3\06072002\J080960.raw

192	85	90	95	
193	Leu Thr Gly Glu Thr Gly Arg Leu Gly Gln Cys Gly Ala Asp Ala Cys			
194	100	105	110	
195	Phe Phe Thr Ile Asn Arg Thr Tyr Leu His His His Met Thr Lys Ala			
196	115	120	125	
197	Phe Leu Phe Tyr Gly Thr Asp Phe Asn Ile Asp Ser Leu Pro Leu Pro			
198	130	135	140	
199	Arg Lys Ala His His Asp Trp Ala Val Phe His Glu Glu Ser Pro Lys			
200	145	150	155	160
201	Asn Asn Tyr Lys Leu Phe His Lys Pro Val Ile Thr Leu Phe Asn Tyr			
202	165	170	175	
203	Thr Ala Thr Phe Ser Arg His Ser His Leu Pro Leu Thr Thr Gln Tyr			
204	180	185	190	
205	Leu Glu Ser Ile Glu Val Leu Lys Ser Leu Arg Tyr Leu Val Pro Leu			
206	195	200	205	
207	Gln Ser Lys Asn Lys Leu Arg Lys Arg Leu Ala Pro Leu Val Tyr Val			
208	210	215	220	
209	Gln Ser Asp Cys Asp Pro Pro Ser Asp Arg Asp Ser Tyr Val Arg Glu			
210	225	230	235	240
211	Leu Met Thr Tyr Ile Glu Val Asp Ser Tyr Gly Glu Cys Leu Arg Asn			
212	245	250	255	
213	Lys Asp Leu Pro Gln Gln Leu Lys Asn Pro Ala Ser Met Asp Ala Asp			
214	260	265	270	
215	Gly Phe Tyr Arg Ile Ile Ala Gln Tyr Lys Phe Ile Leu Ala Phe Glu			
216	275	280	285	
217	Asn Ala Val Cys Asp Asp Tyr Ile Thr Glu Lys Phe Trp Arg Pro Leu			
218	290	295	300	
219	Lys Leu Gly Val Val Pro Val Tyr Tyr Gly Ser Pro Ser Ile Thr Asp			
220	305	310	315	320
221	Trp Leu Pro Ser Asn Lys Ser Ala Ile Leu Val Ser Glu Phe Ser His			
222	325	330	335	
223	Pro Arg Glu Leu Ala Ser Tyr Ile Arg Arg Leu Asp Ser Asp Asp Arg			
224	340	345	350	
225	Leu Tyr Glu Ala Tyr Val Glu Trp Lys Leu Lys Gly Glu Ile Ser Asn			
226	355	360	365	
227	Gln Arg Leu Leu Thr Ala Leu Arg Glu Arg Lys Trp Gly Val Gln Asp			
228	370	375	380	
229	Val Asn Gln Asp Asn Tyr Ile Asp Ala Phe Glu Cys Met Val Cys Thr			
230	385	390	395	400
231	Lys Val Trp Ala Asn Ile Arg Leu Gln Glu Lys Gly Leu Pro Pro Lys			
232	405	410	415	
233	Arg Trp Glu Ala Glu Asp Thr His Leu Ser Cys Pro Glu Pro Thr Val			
234	420	425	430	
235	Phe Ala Phe Ser Pro Leu Arg Thr Pro Pro Leu Ser Ser Leu Arg Glu			
236	435	440	445	
237	Met Trp Ile Ser Ser Phe Glu Gln Ser Lys Lys Glu Ala Gln Ala Leu			
238	450	455	460	
239	Arg Trp Leu Val Asp Arg Asn Gln Asn Phe Ser Ser Gln Glu Phe Trp			
240	465	470	475	480

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/080,960

DATE: 06/07/2002
TIME: 10:50:59

Input Set : N:\jumbos\10080960\PTOMS.txt
Output Set: N:\CRF3\06072002\J080960.raw

241 Gly Leu Val Phe Lys Asp
242 485
244 <210> SEQ ID NO: 3
245 <211> LENGTH: 1461
246 <212> TYPE: DNA
247 <213> ORGANISM: Homo sapiens
249 <400> SEQUENCE: 3
250 atgaaaagtca cgggcccctcc ccaggaggatt acagactcca tgcaatgott caatgatcag 60
251 tggcctttat ctaacaccag gaggcagcag cacataaaag aggtcatggt tgagctgggg 120
252 aagtttggaaa ggaaggaggatt taaaagtcc agtttgcag agtggacatac aaaaatggag 180
253 gaagcaccta cgcatcttaa ttcatttctt aagaaagaag gattgacott caacaggaaa 240
254 agaaaaatggg aattggacag ctaccccatt atgctctggt ggtccccgct gacgggggag 300
255 actggggaggt taggccaatg tggagcagat gcttgggtt tcaccatcaa ccggacctac 360
256 ctccatcatc acatgaccaa agcattccctt ttctatggta ctgactttaa catagatagc 420
257 ttacctctgc ctcgaaagc ccatcatgac tgggctgtt ttcatgaaga gtccccgaaa 480
258 aacaattata agctttca taaaccagtg attaccttg tcaactacac tgccacgttc 540
259 agcaggcatt cccacttgcc actaactacc caataacttgg agagcatgaa agtccctgaag 600
260 tcactccgat acctagttcc tttgcagttc aaaaacaagc ttagaaaaag acttgctccg 660
261 ctgggtgtatg tacagtccaga ctgtgaccca ccatcagaca gggacagacta tgttcgcgag 720
262 ctgatgactt acatcgaggt cgattccat ggtgaatgtt tacgaaacaa agacccct 780
263 cagcagctga aaaatccagc ctctatggat gccgatggct tttataggat cattgcacag 840
264 tataagttta tcctagctt tgagaatgca gtttgcgtatg actacatcac tgagaagtcc 900
265 tggaggccac tgaaactggg ggttagtcct gtatattacg gatccccag catcacagac 960
266 tggcttccaa gtaacaaaag tgctattttt gtatcagaat tttctcaccc cagggactg 1020
267 gcaagttaca tcagacgact ggattctgat gacagattgt atgaggccta tggaaatgg 1080
268 aagctgaagg gtgagatctc taaccagcga ctctcagggaa acggaaatgg 1140
269 ggagtgcac agctcaacca ggacaattac atcgatgcat ttgagtgtat ggtgtgcacc 1200
270 aagggtgtggg ctaatatccag gcttcagggaa aagggtttac caccggaaatgg atggggggca 1260
271 gaagataaccc acctgagttg cccagagccc acagtgtttt ctttctcacc actccggact 1320
272 ccaccttgc gctctttgcg agagatgtgg atttccagct ttgaaacaatc caagaaagaa 1380
273 gcccaggcac taaggtggct ggttgatagg aatcaaaact tttcatctca agagttttgg 1440
274 ggcctagtagt tcaaggactg a 1461
276 <210> SEQ ID NO: 4
277 <211> LENGTH: 1420
278 <212> TYPE: DNA
279 <213> ORGANISM: Homo sapiens
281 <220> FEATURE:
282 <221> NAME/KEY: CDS
283 <222> LOCATION: (32)...(1417)
285 <400> SEQUENCE: 4
286 agctgccttt gcagactcta actccagcag c atg aat gtg tcc ttt gct cac 52
Met Asn Val Ser Phe Ala His
287 1 5
288 10 15 20 100
289 ctc cac ttt gcc gga ggg tac ctg ccc tct gat tcc cag gac tgg aga
290 Leu His Phe Ala Gly Gly Tyr Leu Pro Ser Asp Ser Gln Asp Trp Arg
291 10 15 20 148
294 acc atc atc ccg gct ctc ttg gtc gct gtc tgc ctg gtg ggc ttc gtg
295 Thr Ile Ile Pro Ala Leu Leu Val Ala Val Cys Leu Val Gly Phe Val
296 25 30 35

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/080,960

DATE: 06/07/2002
TIME: 10:51:00

Input Set : N:\jumbos\10080960\PTOMS.txt
Output Set: N:\CRF3\06072002\J080960.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:36; Xaa Pos. 28,29,38,39,74,75
Seq#:37; Xaa Pos. 13,14,15,39,40,47,48

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/080,960

DATE: 06/07/2002
TIME: 10:51:00

Input Set : N:\jumbos\10080960\PTOMS.txt
Output Set: N:\CRF3\06072002\J080960.raw

L:1836 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1840 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:36
L:1843 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:16
L:1845 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:32
L:1849 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:64
L:1860 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1864 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:37
L:1865 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0
L:1869 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:32

Does Not Comply
Corrected Diskette Needed



OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/080,960

DATE: 06/03/2002
TIME: 13:48:06

Input Set : D:\38155-20044.txt
Output Set: N:\CRF3\06032002\J080960.raw

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4 <110> APPLICANT: Millennium Pharmaceuticals, Inc.
5     Glucksmann, Maria
6     Meyers, Rachel
8 <120> TITLE OF INVENTION: 80090, 52874, 52880, 63497, AND 33425
9     METHODS AND COMPOSITIONS OF HUMAN PROTEINS AND USES THEREOF
12 <130> FILE REFERENCE: 38155-20044.00
14 <140> CURRENT APPLICATION NUMBER: US 10/080,960
15 <141> CURRENT FILING DATE: 2001-10-19
17 <150> PRIOR APPLICATION NUMBER: US 60/242,040
18 <151> PRIOR FILING DATE: 2000-10-20
20 <150> PRIOR APPLICATION NUMBER: US 60/242,038
21 <151> PRIOR FILING DATE: 2000-10-20
23 <150> PRIOR APPLICATION NUMBER: US 60/241,992
24 <151> PRIOR FILING DATE: 2000-10-20
26 <150> PRIOR APPLICATION NUMBER: US 60/242,637
27 <151> PRIOR FILING DATE: 2000-10-23
29 <160> NUMBER OF SEQ ID NOS: 37
31 <170> SOFTWARE: FastSEQ for Windows Version 4.0

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ERRORED SEQUENCES

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1852 <210> SEQ ID NO: 37
1853 <211> LENGTH: 50
1854 <212> TYPE: PRT
1855 <213> ORGANISM: Artificial Sequence
1857 <220> FEATURE:
1858 <223> OTHER INFORMATION: Consensus amino acid sequence
W--> 1860 <221> NAME/KEY: VARIANT
1861 <222> LOCATION: (1)...(50)
1862 <223> OTHER INFORMATION: Xaa = Any Amino Acid
W--> 1864 <400> 37
W--> 1865 Leu Ile Val Met Phe Trp Ala Cys Pro Gly Ala Cys Xaa Xaa Xaa Ser
1866    1           5           10           15
1867 Ala Cys Lys Ser Thr Ala Leu Ile Met Arg Gly Ser Ala Cys Pro Asn
1868           20           25           30
W--> 1869 Val Ser Thr Ala Cys Pro Xaa Xaa Asp Glu Asn Phe Ala Pro Xaa Xaa
1870           35           40           45
1871 Ile Tyr
1872      50
E--> 1874 1
E--> 1877 33

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Remove Extra material at end of file

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/080,960

DATE: 06/03/2002
TIME: 13:48:07

Input Set : D:\38155-20044.txt
Output Set: N:\CRF3\06032002\J080960.raw

L:1836 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1840 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:36
L:1843 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:16
L:1845 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:32
L:1849 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:64
L:1860 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1864 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:37
L:1865 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0
L:1869 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:32
L:1874 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:37
M:332 Repeated in SeqNo=37